



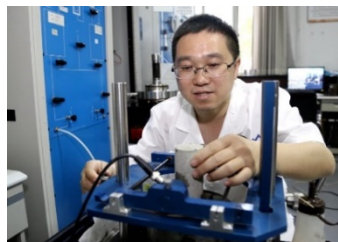
# CSRME NEWSLETTER

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## CHINESE SOCIETY FOR ROCK MECHANICS & ENGINEERING

### *Professor Jianping Zuo Wins the ISRM Science and Technology Award 2020*



On June 13th, 2020, CSRME was informed by Dr. Luis Lamas, the Secretary General of ISRM, that Prof. Jianping Zuo won the ISRM Science and Technology Award 2020, in the category "Science Achievement Award" among three excellent applications. Prof. Jianping Zuo is the first recipient since this new award founded.

This award will be conferred by the ISRM President at the International Symposium of the ISRM, This will be on EUROCK2020 in Trondheim, Norway, October 12-14, 2020. By then, Prof. Jianping Zuo will receive a certificate of commendation signed by the ISRM President during the award ceremony.

### *"Dynamic Rock Fracture Simulation: Methods and Applications" Academic Lecture Held*

The academic lecture "Dynamic Rock Fracture Simulation: Methods and Applications", co-sponsored by Rock Dynamics Professional Committee of CSRME and Mechsoft Technology (Dalian) Co., LTD, was successfully held at 7:00 pm on June 10. The keynote speakers were Prof. Tang Chunan of Dalian University of Technology and Dr. Liao Zhiyi, a postdoctoral fellow of Shenzhen University. The presenter is Prof. Huang Lixing, the secretary-general of Rock Dynamics Professional Committee.

Prof. Tang Chunan first reviewed the history of rock failure mechanism research and rock dynamics research, and elaborated the theory of RFPA numerical simulation method with one idea, two experiences and three theories. Then, he introduced the application of RFPA dynamic analysis



method in the study of rock dynamic fracture mechanism with several examples, and demonstrated the application of the method in engineering with the example of dynamic and static combination analysis. His report finally revealed the effect of seismic peeling by stress wave reflection and its significance for post-earthquake reconstruction. And Dr. Liao introduced the interface and main functions of RFPA2D Dynamic Analysis Software in detail, and demonstrated the operation process and analysis method of RFPA2D Dynamic Analysis Software with three calculation examples.

The cloud lecture was actively supported by the members of Rock Dynamics Professional Committee, and many experts and scholars attended the activity. The cloud lecture was very effective, with 300 participants at the beginning. Thanks to the live broadcast of "Miners", more audiences were able to participate.

### *Culture Insider: Dragon Boat Festival*



The date of June 25, 2020, the 5th day of the 5th month of the lunar year is an important day for the Chinese people. The day is called Duan Wu Festival, or Dragon Boat Festival, celebrated everywhere in China.

It is said in 340 BC, Qu Yuan, a patriotic poet and a senior official in the state of Chu, faced with the pain of national subjugation, threw himself into the Miluo River on the fifth day of May. In order to prevent fish and other aquatic organisms from damaging his body, people put rice in bamboo tubes into the river. Subsequently, in order to show their reverence and nostalgia for Qu Yuan, people used bamboo tubes to put rice into the river in his memory. This is the origin of the earliest zongzi in China. After Qu Yuan jumped into the river,

people rowing to find his body gradually evolved into today's dragon boat races in southern China. In recent years, this activity has crossed national boundaries and has won attention overseas. The Dragon Boat Festival became the first festival in China to be listed as a human oral and intangible cultural heritage by UNESCO.